

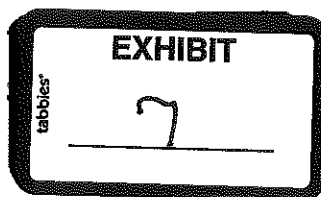
COURSE SCHEDULE - HAIRS
JANUARY 26-30, 1981

MONDAY

8:00 - 9:00	Tour of Academy
9:00 - 9:30	Introduction and course orientation
9:30 - 10:30	Equipment and supplies; set up and discuss microscopes
10:30 - 10:45	Break
10:45 - 11:30	Evidence processing
11:30 - 12:30	Introductory lecture on hairs; specific discussion of deer family
12:30 - 1:30	Lunch
1:30 - 2:30	Self-study of deer family hairs (hand out prepared slides)
2:30 - 3:30	Lecture on hairs from fur and domestic animals
3:30 - 4:00	Break
4:00 - 5:00	Self-study of fur and domestic animal hairs (and out unknown animal hairs)

TUESDAY

8:00 - 9:30	Work on animal hair test
9:30 - 10:15	Review of test and animal hairs
10:15 - 10:45	Break
10:45 - 11:15	Human hairs - general introduction



11:15 - 12:30	Race and body area determination (lecture and self-study)
12:30 - 1:30	Lunch
1:30 - 2:30	Normal hair characteristics
2:30 - 3:00	Special characteristics
3:00 - 3:30	Break
3:30 - 4:00	Mount and describe a head hair in written detail
4:00 - 5:00	Race and body area test. Human hair matching test #1 passed out

WEDNESDAY

8:00 - 11:00	Continue matching test - discuss single hair descriptions (includes break)
11:00 - 12:30	Discuss body area and race test individually - continue matching test
12:30 - 1:30	Lunch
1:30 - 2:00	Report writing
2:00 - 3:00	Review of human hairs
3:00 - 3:30	Break
3:30 - 5:00	Matching test #2

THURSDAY

8:00 - 12:30	Continue work on matching test #2 - individual instruction and discussion
12:30 - 1:30	Lunch

1:30 - 3:00	Sample cases handed out - preparation of reports (five teams of two)
3:00 - 3:30	Break
3:30 - 5:00	Discussion of the significance of hair comparisons, testimony matters and pertinent literature

FRIDAY

8:00 - 11:00	Moot court situations using sample cases
11:00 - 11:30	Break
11:30 - 12:30	Future of hair comparisons - elemental analysis
12:30 - 1:30	Lunch
1:30 - 2:45	Future of hair comparisons - blood grouping, sex determination
2:45 - 3:00	Break
3:00 - 4:00	Written examination

COURSE SCHEDULE - FIBERS
FEBRUARY 2-6, 1981

MONDAY

8:00 - 8:30	Introductory remarks - scope of course (lecture)
8:30 - 9:00	Introduction to textile fibers (lecture)
9:00 - 9:45	Handling of fibrous evidence (lecture and demonstration)
9:45 - 10:15	Break
10:15 - 10:45	Discussion of actual cases and sample case (lecture)
10:45 - 11:15	Animal hairs (lecture and demonstration)
11:15 - 11:30	Miscellaneous fibrous material (lecture and demonstration)
11:30 - 12:30	Plant fibers (lecture and demonstration)
12:30 - 1:30	Lunch
1:30 - 2:15	Animal hairs (individual self-study)
2:15 - 4:00	Plant Fibers (individual self-study)
4:00 - 5:00	Test on animal hairs, plant fibers and miscellaneous fibrous materials

TUESDAY

8:00 - 8:45	Introduction to man-made fibers (lecture)
8:45 - 9:30	Identification and comparison of man-made fibers based on microscopic appearance (lecture and demonstration)

9:30 ~ 11:00	Solubility methods for fiber identification (lecture and demonstration)
11:00 - 12:30	Microscopic and solubility methods (individual self-study)
12:30 - 1:30	Lunch
1:30 - 2:45	Microscopic and solubility methods (individual self-study)
2:45 - 3:15	Break
3:15 - 5:00	Practical test covering microscopic appearance of fibers and solubility methods

WEDNESDAY

8:00 - 8:30	Review of practical test
8:30 - 12:30	Optical methods for fiber identification and comparison (lecture and demonstration; individual self-study)
12:30 - 1:30	Lunch
1:30 - 2:45	Review of optical methods and individual self-study; work on sample case
2:45 - 3:15	Break
3:15 - 5:00	Practical test on optical methods

THURSDAY

8:00 - 9:00	Continued work on practical test and review of test on optical methods
9:00 - 9:45	Miscellaneous methods of fiber identification (lecture and demonstration)
9:45 - 10:15	Break

10:15 - 11:15	Dye analysis using thin-layer chromatography (lecture and demonstration)
11:15 - 12:30	Other types of fiber examinations (lecture and demonstration)
12:30 - 1:30	Lunch
1:30 - 2:45	Work on sample case
2:45 - 3:15	Break
3:15 - 4:30	Instrumental techniques for fiber identification and comparison
4:30 - 5:00	Review and questions

FRIDAY

8:00 - 9:30	Report writing, testimony and moot court (lecture and discussion)
9:30 - 10:20	Written examination
10:20 - 10:40	Break
10:40 - 11:00	Review of examination; course critique

FEDERAL BUREAU OF INVESTIGATION

FBI ACADEMY

CERTIFICATE of ATTENDANCE


This is to certify that

JOYCE ANN GILCHRIST

attended an

Introduction to Hairs and Fibers School

held at the FBI Academy, Quantico, Virginia, from 1/25/81 to 2/6/81
and is awarded this certificate as evidence of his fulfillment of the
requirements for this course of training.


Assistant Director, Laboratory
Federal Bureau of Investigation

**FEDERAL BUREAU OF INVESTIGATION
FBI ACADEMY**

CERTIFICATE of ATTENDANCE

This is to certify that

JOYCE ANN GILCHRIST

attended a

Basic Forensic Serology School

held at the FBI Academy, Quantico, Virginia, from 1/11/81 to 1/23/81
and is awarded this certificate as evidence of his fulfillment of the
requirements for this course of training.

Samuel W. Alexander
Assistant Director, Laboratory
Federal Bureau of Investigation